

CLAIM SET AS AMENDED

1. (Currently Amended) A ground structure for a vehicle wherein an engine and a vehicle body are connected to each other, comprising:

by a first cable extending from a body frame of the vehicle body to the engine to ground for grounding said engine comprising:

a plurality of other cables, at least one of which is wired to the engine through a part coupled to said engine;

wherein said first cable has a wire diameter set substantially equal to the greatest wire diameter of one of the plurality of other cables wired to said engine and a through the part coupled to said engine, and

wherein no other one of the plurality of other cables has a wire diameter larger than the wire diameter of the first cable.

2. (Currently Amended) The ground structure for a vehicle according to claim 1, wherein the one of the plurality of other cables are is used to connect a battery to said engine and to through the part coupled to said engine.

3. (Currently Amended) The ground structure for a vehicle according to claim 2, wherein the other another of the plurality of cables include includes a cable for connecting said battery and a starter motor for said engine to each other.

4. (Currently Amended) The ground structure for a vehicle according to claim 2, wherein said ground structure further comprises:

first coupling means mounted on said engine for coupling ~~a cable~~ the one of the plurality of cables that connects a negative terminal of a battery and said engine to each other ~~to said engine~~; and

second coupling means mounted on said engine for coupling a the first cable that connects said ~~vehicle upper~~ body frame and said engine to each other ~~to said engine~~;

wherein said first coupling means and said second coupling means are removably mounted independently of each other on said engine.

5. (Currently Amended) The ground structure for a vehicle according to claim 1, wherein with a battery capacity of approximately 4 Ah, the first cable has a ~~diameter~~ sectional area of approximately 3 Av mm².

6. (Currently Amended) The ground structure for a vehicle according to claim 1, wherein with a battery capacity of approximately 7 Ah, the first cable has a ~~diameter~~ sectional area of approximately 5 Av mm².

7. (Currently Amended) The ground structure for a vehicle according to claim 1, wherein with a battery capacity of approximately 9 Ah, the first cable has a ~~diameter~~ sectional area of approximately 8 Av mm².

8. (Currently Amended) The ground structure for a vehicle according to claim 1, wherein with a battery capacity of approximately 12 Ah, the first cable has a ~~diameter~~ sectional area in the range of approximately 9-15 Av mm².

9. (Currently Amended) The ground structure for a vehicle according to claim 1, wherein with a battery capacity of greater than 14 Ah, the first cable has a ~~diameter~~ sectional area of approximately 15 Av mm².

10. (Currently Amended) A ground structure for a vehicle comprising:
a first cable adapted for grounding an engine and ~~a vehicle~~ an upper body frame to each other, the first cable extending from a body frame to the engine;
a second cable adapted for grounding a battery and ~~an~~ the engine to each other; and
a third cable adapted for wiring an electrical component to ~~a~~ the battery;
said first and second cables having a wire diameter set substantially equal to the wire diameter of the third cable for wiring an electrical component to at least one of ~~a~~ the battery and ~~an~~ the engine.

11. (Currently Amended) The ground structure for a vehicle according to claim 10, wherein the third ~~cables~~ cable connects a ~~the~~ battery and a starter motor for said engine to each other.

12. (Currently Amended) The ground structure for a vehicle according to claim 10, wherein said ground structure further comprises:

first coupling means for connecting the first cable to a ~~vehicle~~ the upper body frame and said engine; and

a second coupling means for connecting the second cable to a negative terminal of a the battery and said engine;

wherein said first coupling means and said second coupling means are removably mounted independently of each other on said engine.

13. (Currently Amended) The ground structure for a vehicle according to claim 10, wherein with a battery capacity of approximately 4 Ah, the first cable has a ~~diameter~~ sectional area of approximately 3 Av mm².

14. (Currently Amended) The ground structure for a vehicle according to claim 10, wherein with a battery capacity of approximately 7 Ah, the first cable has a ~~diameter~~ sectional area of approximately 5 Av mm².

15. (Currently Amended) The ground structure for a vehicle according to claim 10, wherein with a battery capacity of approximately 9 Ah, the first cable has a ~~diameter~~ sectional area of approximately 8 Av mm².

16. (Currently Amended) The ground structure for a vehicle according to claim 10, wherein with a battery capacity of approximately 12 Ah, the first cable has a ~~diameter~~ sectional area in the range of approximately 9-15 Av mm².

17. (Currently Amended) The ground structure for a vehicle according to claim 10, wherein with a battery capacity of greater than 14 Ah, the cable has a ~~diameter~~ sectional area of approximately 15 Av mm².

18. (New) The ground structure for a vehicle according to claim 1, wherein the first cable connects to the engine at a point that is higher to a point where the one of the plurality of other cables connects to the engine.

19. (New) The ground structure for a vehicle according to claim 1, wherein the first cable connects to the upper body frame at a point that is higher to a point where the one of the plurality of other cables connects to a battery.

20. (New) The ground structure for a vehicle according to claim 1, wherein the first cable connects to the engine at a point that is lower to a point where the one of the plurality of other cables connects to a battery.